JAP3 Recd PCT/PTO 29 MAR 2008

ATTORNEYS DOCKET NO: 060247

' U.	S. DEPARTMENT OF COMMERC	DATE: March 29, 2006								
TRAN	ISMITTAL LETTER TO THE UN (DO/EO/US) CONCERNIN	U. A. B. C.								
	ATIONAL APPLICATION NO.: 2005/001460	PRIORITY DATE CLAIMED: February 27, 2004								
PCT/JP2005/001460   February 2, 2005   February 27, 2004  TITLE OF INVENTION: OPTICAL FUNCTIONAL WAVEGUIDE, OPTICAL MODULATOR, ARRAYED WAVEGUIDE GRATING, AND DISPERSION COMPENSATION CIRCUIT										
APPLICANT(S) FOR DO/EO/US: Hiroyuki TSUDA										
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1. <u>XX</u>	1. XX This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.									
2	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.									
3. <u>xx</u>	This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).									
4	A proper Demand for International Preliminary Examination was made by the 19th month from the earliest caimed priority date.									
5. <u>xx</u>	A copy of the International Application as filed (35 U.S.C. 37:1(c)(2)):									
	<ul> <li>a. XX is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b has been transmitted by the International Bureau.</li> <li>c is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul>									
6. <u>xx</u>	A translation of the International Application into English (35 U.S.C. 371(c)(2)).									
7. <u>XX</u>	Amendments to the daims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))									
	<ul> <li>a are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b have been transmitted by the International Bureau.</li> <li>c have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. XX have not been made and will not be made.</li> </ul>									
8	A translation of the amendments to the daims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10	A translation of the annexes to the International Preliminary Examination Report under PCT Artide 36 (35 U.S.C. 371(c)(5)).									
ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:										
11	An Information Disdosure Sta	tement under 37 CFR 1.97 and 1.98.								
a. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is induded.  XX b. ASSIGNEE(s) NAME(s) AND ADDRESS_KEIO UNIVERSITY, Tokyo, Japan  Please publish the assignee data with the application.										
13. XX A FIRST preliminary amendment.  A SECOND or SUBSEQUENT preliminary amendment										
14	14 A substitute specification.									
15	15 A change of power of attorney and/or address letter.									
16. <b>XX</b>	16. XX Other items or information: 15 sheets of drawings									

IAP20 REC'0 PETITO 29 MAR 2006 ATTORNEYS DOCKET NO:060247

U.S. APPLICATION: NO. 3 8 8 INTERNATIONAL APPLICATION NO. PCT/JP2005/001460				DATE: March 29, 2006				
17. X The fol	lowing fees are s	ubmitted	, <del>, ,</del>	CALCULATIONS	PTO USE ONLY			
Basic Nationa	al Fee (37 CFR 1	492(a)	300.00	\$300.00				
Search Fee - all other situations							\$500.00	
National Stage Search Fee - U.S. was the ISA								
National Stage Search Fee - search report prepared and provided to USPTO								
Examination	Examination Fee - all other situations							
National Stage Examination Fee - U.S. was IPEA and, all claims satisfy PCT Article 33(1)-(4)								
·	ENTER APPROPRIATE BASIC FEE AMO							
sequence listir	fee for specificating or computer preach additional 50	rogram I						
Total Sheets	Extra sheets	ets Number of each additional 50 or fraction R thereof (round up to a whole number)						
44 - 100 =	/ 50 =	/50 = x \$				50.00		
Surcharge of \$	3130.00 for furnis	shing the	e oath or dedaration late	r than 20		\$ 130	.00	
			ed priority date (37 DVR 1					
CLAIMS	NUMBER F	MBER FILED NUMBER EXTRA		RATE				
TOTAL	9 -20 =			X \$ 50.00	)			
INDEPENDENT	INDEPENDENT 1-3 =		X \$ 200.00		)			
Multiple deper	ndent daims(s) (if	applica	ble)	+ \$360.00	)			
			TOTAL OF ABOVE	CALCULATIO	NS =	\$1130	0.00	
	1/2 for filing by sr 1.9, 1.27, 1.28							
SUBTOTAL =							0.00	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 20 30 months from the earliest daimed priority date (37 CFR 1.492(f)). +								
TOTAL NATIONAL FEE =							0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).								
\$40.00 per property +								
TOTAL FEES ENCLOSED =						\$1130	0.00 nt to be:	
						refunded		\$
							charged	\$

IAP20 Rec'd Con TO ATTORNEYS DOCKEDNO: 060247

INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. DATE: PCT/JP2005/001460 March 29, 2006 (if known) a. XX A check in the amount of \$ 1130.00 to cover the above fees is enclosed. (This paper is filed in triplicate) Please charge my Deposit Account No. 01-2340 in the amount of \$\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any c. <u>XX</u> overpayment to Deposit Account No. 01-2340. Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) NOTE: or (b)) must be filed to request that the application be restored to pending status. Send All Correspondence To: Armstrong, Kratz, Quintos, Hanson & Brooks, Suite 1000,1725 K Street, N.W. PATENT TRADEMARK OFFICE Washington, D. C. 20006 Tel: (202) 659-2930 Fax: (202) 887-0357 James E, Armstrong, IV Reg. No. 42,266 **Typed or Printed Name** Date: March 29, 2006 Signature auul ?)

JAM/aoa